

**11925PB**

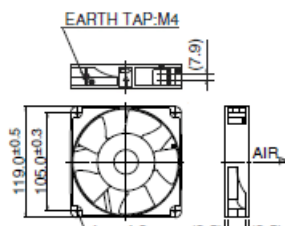
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**General Specifications**

Motor Structure: Shaded Pole Induction Motor  
 Motor Protection: Impedance Protection  
 Insulation Resistance: Min 100M ohm by DC 500V Megger  
 Dielectric Withstand Voltage: AC1800V 3s  
 Allowable Ambient Temperature Range:  
 -10deg.C - +70deg.C (Operating)  
 -40deg.C - +70deg.C (Storage)  
 non-condensing environment  
 Old model name: 4710PS

**Expected Life**

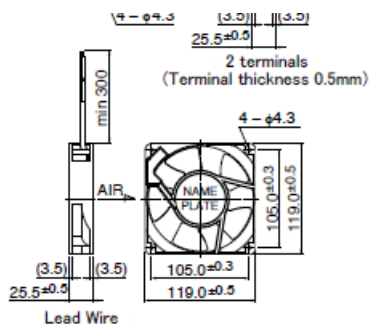
25deg.C 100,000 Hours \*Failure Rate 10% (L10 Life)

**Outline****Material**

Casing: Aluminum (Black Painting)  
 Impeller: Plastic (Black) UL94V-0  
 Bearing: Ball Bearing  
 Terminal: Faston #110 or Equip  
 \* Lead Wire type is also available.

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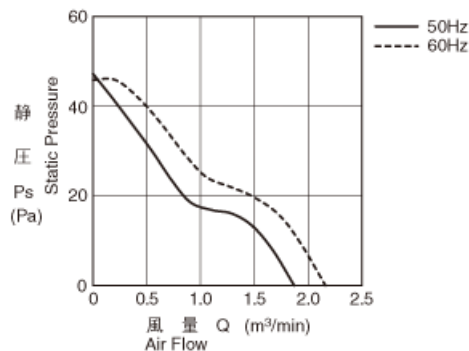
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\* Only flange type casing is available.

Lead Wire:UL3266, AWG22

## Characteristic Curves



## Specifications

| Model           | Product No | Nominal Voltage [V] | Frequency [Hz] | Starting Voltage [V] | Current [A] | Input Power +10%/-20% [W] |
|-----------------|------------|---------------------|----------------|----------------------|-------------|---------------------------|
| 11925PB-A0L-EA- | 00         | 100                 | 50             | 65                   | 0.220       | 14.0                      |
| 11925PB-A0L-EA- | 00         | 100                 | 60             | 65                   | 0.180       | 11.0                      |
| 11925PB-A1L-EA- | 00         | 115                 | 50             | 75                   | 0.190       | 14.0                      |
| 11925PB-A1L-EA- | 00         | 115                 | 60             | 75                   | 0.160       | 11.0                      |
| 11925PB-B0L-EA- | 00         | 200                 | 50             | 130                  | 0.110       | 14.0                      |
| 11925PB-B0L-EA- | 00         | 200                 | 60             | 130                  | 0.090       | 11.0                      |
| 11925PB-B2L-EA- | 00         | 220                 | 50             | 175                  | 0.100       | 14.0                      |
| 11925PB-B2L-EA- | 00         | 220                 | 60             | 175                  | 0.080       | 11.0                      |
| 11925PB-B3L-EA- | 00         | 230                 | 50             | 175                  | 0.100       | 14.0                      |
| 11925PB-B3L-EA- | 00         | 230                 | 60             | 175                  | 0.090       | 11.0                      |
| 11925PB-B4L-EA- | 00         | 240                 | 50             | 175                  | 0.100       | 15.0                      |
| 11925PB-B4L-EA- | 00         | 240                 | 60             | 175                  | 0.080       | 13.0                      |

| Model | Speed [min-1] | Max. Air Flow [m3/min] | Max. Air Flow [CFM] | Max. Static Pressure [In H2O] | Noise [dB] | Mass [g] |
|-------|---------------|------------------------|---------------------|-------------------------------|------------|----------|
|-------|---------------|------------------------|---------------------|-------------------------------|------------|----------|

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|                 | [rpm] | [mm] | [mm] | [mm] | [mm] | [mm] |
|-----------------|-------|------|------|------|------|------|
| 11925PB-A0L-EA- | 2300  | 1.80 | 64.3 | 0.16 | 34.0 | 360  |
| 11925PB-A0L-EA- | 2700  | 2.00 | 71.4 | 0.16 | 38.0 | 360  |
| 11925PB-A1L-EA- | 2300  | 1.80 | 64.3 | 0.16 | 34.0 | 360  |
| 11925PB-A1L-EA- | 2700  | 2.00 | 71.4 | 0.16 | 38.0 | 360  |
| 11925PB-B0L-EA- | 2300  | 1.80 | 64.3 | 0.16 | 34.0 | 360  |
| 11925PB-B0L-EA- | 2700  | 2.00 | 71.4 | 0.16 | 38.0 | 360  |
| 11925PB-B2L-EA- | 2300  | 1.80 | 64.3 | 0.16 | 34.0 | 360  |
| 11925PB-B2L-EA- | 2700  | 2.00 | 71.4 | 0.16 | 38.0 | 360  |
| 11925PB-B3L-EA- | 2300  | 1.80 | 64.3 | 0.16 | 34.0 | 360  |
| 11925PB-B3L-EA- | 2700  | 2.00 | 71.4 | 0.16 | 38.0 | 360  |
| 11925PB-B4L-EA- | 2300  | 1.70 | 60.7 | 0.16 | 34.0 | 360  |
| 11925PB-B4L-EA- | 2700  | 2.00 | 71.4 | 0.16 | 38.0 | 360  |

Rotation: Counterclockwise as seen from the label side

Airflow Outlet: Label side

\*1: Average Values in Free Air

\*2: Maximum Values in Free Air

\*3: Minimum Values in Free Air